



MAINTENANCE & LUBRICATION

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**RECOMMENDED LUBRICANTS****Engine**

In order to ensure the longevity and reliability of the vehicle, it is most important that **only the specified lubricants** are used. It is an entirely false economy to try to save money by using lower quality oils, which may break down before the next change interval and provide inadequate protection before the end of the term. High oil consumption may also result.

For topping up purposes during the running-in period prior to the First After Sales Service, a top quality mineral or semi-synthetic 5W/40 oil should be used. At the First After Sales Service and completion of the running-in period, a fully synthetic 5W/40 oil such as Texaco Havoline Synthetic should be used. This oil has been tested in all climatic conditions likely to be encountered, and offers advantages in ease of cranking, smooth cold running and fuel economy at low temperatures, in combination with good wear protection at elevated temperatures and at high engine speeds. If Texaco/Havoline products are not available, an oil meeting the following specification should be used. Note that Lotus does not recommend the use of any oil additives:

Viscosity:	5W/40
Quality Standard:	API SJEC; ILSAC; ACEA A3
Capacity - refill inc. filter	4.4 litre (Cars fitted with front mounted oil coolers contain an additional 3.5 litres, but this oil is not drained during routine servicing)
Difference between high & low dipstick marks	1.5 litre
Oil change interval	Refer to Maintenance Schedule

Transmission (gearbox & final drive)

Viscosity	SAE 75W/90
Quality Standard	API GL-4 or GL-5
Capacity	2.3 litre (2.4 US qt)
Oil change interval	Refer to Maintenance Schedule

Brake & Clutch System

Type	Non-mineral (non-petroleum) hydraulic fluid
Specification	DOT 4
Capacity - brake	1.5 litre
- clutch	0.5 litre
Fluid change interval	12 months

Engine Coolant Additive

Only approved product	Havoline XLC
Type	Ethylene glycol antifreeze with OAT corrosion inhibitors
Colour	Orange
Concentration	50%
Quantity reqd. @ 50%	6 litres
Coolant change interval	4 years



MAINTENANCE SCHEDULE - ELISE 111R & EXIGE 2004 M.Y. Onwards (Non-USA)

LSL460a

Job no.: Owner's name: Vehicle:

Vehicle registration no.: V.I.N.:

Recorded mileage: Mileage at last service:

Today's date: Date of last service:

EXPLANATORY NOTES:

Required Maintenance

In order to maintain warranty validation and help ensure proper safety, emissions performance and dependability of the vehicle, Lotus Cars Ltd. requires that the vehicle be serviced in accordance with this schedule. Each service should be performed within 9,000 miles (15,000 km) or 12 months of the previous service, whichever first occurs. Any necessary repairs should be completed without delay.

A cross (X) in the following table indicates an operation to be performed. The corresponding box should be ticked when the operation has been satisfactorily performed, or the X circled if extra work and time is required. The approval of the customer should be obtained before any extra work is undertaken, details of which should be recorded in the space provided at the end of the schedule.

'Inspect' means assess condition and test for correct operation. Extra time is required to adjust or repair - advise customer beforehand if necessary.

'Check' means test and adjust/fill or tighten as necessary. Labour time is included.

Special Operating Conditions

If the car is subjected to one of the following 'special operating conditions', additional servicing is required:

- Regular use on unpaved or dusty roads (1,2)
- Use in mountainous areas with severe or prolonged brake usage (3)
- Frequent short trips with cold engine (esp. in cold weather/climates); and/or frequent or prolonged idling (1)
- Occasional circuit use, with repeated high rpm, wide throttle openings and high oil temperatures (1,3,4)
- Competition, or timed track use (5)

Additional servicing:

1. Oil & filter change @ 4,500 m (7,500 km) intervals.
2. Inspect air cleaner @ 9,000 m (15,000 km) intervals, or as required.
3. Inspect brake pads & discs @ 4,500m (7,500 km) intervals, or as required.
4. Thorough safety check including wheels, tyres, suspension, steering and brake systems.
5. The Lotus Elise and Exige are designed as road going sports cars. It is recognised that owners may wish to use the car occasionally on closed circuit tracks to experience the car's full range of dynamic capabilities. However, use of the car in a competitive manner, including timed runs or laps, is not endorsed by Lotus. This type of timed, competitive use will invalidate warranty and require appropriate levels of expert vehicle preparation and servicing.

After Sales Service

To be performed within 1,000 - 1,500 miles (1,500 - 2,500 km) or 12 months of vehicle sale, whichever first occurs.

There is no charge to the vehicle owner for the labour content of the After Sales Service. Only for materials used will a charge be made. To maintain warranty validation, an Engine History Report print out from the Lotus Scan tool must be submitted to the Warranty Department.



Op. No.	Operation Description	Service Type		
		After Sales	9,000m (15,000km) or 12 months	Other Intervals
1	Fit protective covers to seats, footwells, steering wheel and rear body	X	X	
Lubrication				
2	Renew engine oil and filter - <i>normal conditions</i>	X	X	
2a	Renew engine oil and filter - <i>special conditions</i>		4,500m (7,500km)/6 mth	
3	Inspect engine & transmission for oil leaks	X	X	
4	Check transmission oil level		27,000m (45,000km)	
5	Renew transmission oil		54,000m (90,000km)/6 yr	
Engine				
6	Inspect air cleaner element - <i>special conditions</i>		X	
7	Renew air cleaner element		27,000m (45,000km)	
8	Renew spark plugs		54,000m (90,000km)/6 yr	
9	Inspect auxiliary drive belt condition		X	
10	Inspect integrity of fuel system		X	
11	Connect 'Lotus Scan', check for fault codes & programme level	X	X	
12	Print 'Lotus Scan' Engine History Report and return to Lotus	X		
Cooling System				
13	Inspect water radiator & oil cooler hoses & pipework for damage or leaks. Clean radiator & oil cooler finning		X	
14	Check coolant level	X	X	
15	Renew coolant			4yrs
Braking System				
16	Inspect parking brake adjustment	X	X	
17	Inspect brake pad thickness & disc condition - <i>normal cndts.</i>		X	
17a	Inspect brake pad thickness & disc condition - <i>special cndts.</i>		4,500m (7,500km)	
18	Inspect brake hoses, pipes & hydraulic units		X	
19	Check brake fluid level	X	X	
20	Renew brake/clutch fluid			1 yr
Steering & Suspension				
21	Check security and condition of front & rear suspension inc. free articulation of rear toe link ball joints		X	
22	Check torque of rear toe-link inboard fixing (50 Nm)	X		
23	Inspect dampers for leaks and performance		X	
24	Inspect front and rear wheel bearings for play		X	
25	Inspect condition of drive shaft gaiters		X	
26	Inspect steering ball joints and gaiters		X	
27	Inspect free play at steering wheel		X	
Wheels & Tyres				
28	Inspect tyre condition & set pressures	X	X	
Electrical				
29	Check battery & terminals for security & condition	X	X	
30	Inspect operation of all lights	X	X	
Body				
31	Inspect adjustment of hinges and latches	X	X	
32	Inspect operation & condition of seat belts		X	
33	Lift footwell mats, clean & dry floor		X	
34	Inspect wiper operation & top up windscreen washer reservoir	X	X	
35	Renew alarm transmitter batteries (check with customer)			1 yr



Road Test Performance

Engine performance	Tailpipe CO
Clutch operation	Gearbox operation
Brake performance	Steering performance
Driveline & suspension noise/vibration	Wheel balance
General comments	
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Additional Work Performed or Required

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Work completed by Owner's Maintenance Booklet stamped:

Recommended Service Times

- After Sales Service: 1.9 hr
- Regular Service: 2.8 hr
- Op. 2a: 0.6 hr
- Op.5: 0.7 hr
- Op.7: 0.6 hr
- Op.8: 0.5 hr
- Op.15: 0.6 hr
- Op.17a: 0.3 hr
- Op.20: 0.6 hr
- Op.35: 0.1 hr

Dealer Stamp:

Date:



MAINTENANCE SCHEDULE - ELISE (North America)

LSL462

Job no.: Owner's name: Vehicle:

Vehicle registration no.: V.I.N.:

Recorded mileage: Mileage at last service.:

Today's date: Date of last service:

EXPLANATORY NOTES:

Required Maintenance

In order to maintain warranty validation and help ensure proper safety, emissions performance and dependability of the vehicle, Lotus Cars Ltd. requires that the vehicle be serviced in accordance with this schedule. Each service should be performed within 7,500 miles or 6 months of the previous service, whichever first occurs. Any necessary repairs should be completed without delay.

A cross (X) in the following table indicates an operation to be performed. The corresponding box should be ticked when the operation has been satisfactorily performed, or the X circled if extra work and time is required. The approval of the customer should be obtained before any extra work is undertaken, details of which should be recorded in the space provided at the end of the schedule.

'Inspect' means assess condition and test for correct operation. Extra time is required to adjust or repair - advise customer beforehand if necessary.

'Check' means test and adjust/fill or tighten as necessary. Labour time is included.

Special Operating Conditions

If the car is subjected to one of the following 'special operating conditions', additional servicing is required:

- Regular use on unpaved or dusty roads (1,2)
- Use in mountainous areas with severe or prolonged brake usage (3)
- Frequent short trips with cold engine (esp. in cold weather/climates); and/or frequent or prolonged idling (1)
- Occasional circuit use, with repeated high rpm, wide throttle openings and high oil temperatures (1,3,4)
- Competition, or timed track use (5)

Additional servicing:

1. Oil & filter change @ 4,500 m (7,500 km) intervals.
2. Inspect air cleaner @ 9,000 m (15,000 km) intervals, or as required.
3. Inspect brake pads & discs @ 4,500m (7,500 km) intervals, or as required.
4. Thorough safety check including wheels, tyres, suspension, steering and brake systems.
5. The Lotus Elise is designed as a road going sports car. It is recognised that owners may wish to use the car occasionally on closed circuit tracks to experience the car's full range of dynamic capabilities. However, use of the car in a competitive manner, including timed runs or laps, is not endorsed by Lotus. This type of timed, competitive use will invalidate warranty and require appropriate levels of expert vehicle preparation and servicing.

After Sales Service

To be performed within 1,000 - 1,500 miles or 12 months of vehicle sale, whichever first occurs. To maintain warranty validation, an Engine History Report print out from the Lotus Scan tool must be submitted to the Warranty Department.



Op. No.	Operation Description	Service Type		
		After Sales	7,500 miles or 6 months (soonest)	Other Intervals
1	Fit protective covers to seats, footwells, steering wheel and rear body	X	X	
	Lubrication			
2	Renew engine oil and filter - <i>normal conditions</i>	X	X	
2a	Renew engine oil and filter - <i>special conditions</i>		4,000 miles/6 months	
3	Inspect engine & transmission for oil leaks	X	X	
4	Check transmission oil level		22,500 miles	
5	Renew transmission oil		45,000 miles/6 years	
	Engine			
6	Inspect air cleaner element - <i>special conditions</i>		X	
7	Renew air cleaner element		30,000 miles	
8	Renew spark plugs		30,000 miles/6 years	
9	Inspect auxiliary drive belt condition		X	
10	Inspect integrity of fuel system		X	
11	Print 'Lotus Scan' Engine History Report and return to Lotus	X		
	Cooling System			
12	Inspect water radiator & oil cooler hoses & pipework for damage or leaks. Clean radiator & oil cooler finning		X	
13	Check coolant level	X	X	
14	Renew coolant			4yrs
	Braking System			
15	Inspect parking brake adjustment	X	X	
16	Inspect brake pad thickness & disc condition - <i>normal cndts.</i>		X	
16a	Inspect brake pad thickness & disc condition - <i>special cndts.</i>		4,000 miles	
17	Inspect brake hoses, pipes & hydraulic units		X	
18	Check brake fluid level	X	X	
19	Renew brake/clutch fluid			1 yr
	Steering & Suspension			
20	Check security and condition of front & rear suspension inc. free articulation of rear toe link ball joints		X	
21	Check torque of rear toe link inboard fixing (50 Nm)	X		
22	Inspect dampers for leaks and performance		X	
23	Inspect front and rear wheel bearings for play		X	
24	Inspect condition of drive shaft gaiters		X	
25	Inspect steering ball joints and gaiters		X	
26	Inspect free play at steering wheel		X	
	Wheels & Tyres			
27	Inspect tyre condition & set pressures	X	X	
	Electrical			
28	Check battery & terminals for security & condition	X	X	
29	Inspect operation of all lights	X	X	
	Body			
30	Inspect adjustment of hinges and latches	X	X	
31	Inspect operation & condition of seat belts		X	
32	Lift footwell mats, clean & dry floor		X	
33	Inspect wiper operation & top up windscreen washer reservoir	X	X	
34	Renew alarm transmitter batteries (check with customer)			1 yr



Road Test Performance

Engine performance	Tailpipe CO
Clutch operation	Gearbox operation
Brake performance	Steering performance
Driveline & suspension noise/vibration	Wheel balance
General comments	
.....	
.....	

Additional Work Performed or Required

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Work completed by Owner's Maintenance Booklet stamped:

Recommended Service Times

- After Sales Service: 1.9 hr
- Regular Service: 2.8 hr
- Op. 2a: 0.6 hr
- Op.5: 0.7 hr
- Op.7: 0.6 hr
- Op.8: 0.5 hr
- Op.14: 0.6 hr
- Op.16a: 0.3 hr
- Op.19: 0.6 hr
- Op.34: 0.1 hr

Dealer Stamp:

Date:



	PRE-DELIVERY INSPECTION	
	ELISE/EXIGE	LSL345C

MODEL		COLOUR		VIN	SCC _____
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OPERATION DESCRIPTION	✓
Fit protective covers to seats, footwells & steering wheel.	<input checked="" type="checkbox"/>
Engine Bay	
Check engine & transmission oil levels.	<input type="checkbox"/>
Check coolant fill level.	<input type="checkbox"/>
Start Engine	
Check engine & transmission for oil leaks.	<input type="checkbox"/>
Check cooling system for leaks.	<input type="checkbox"/>
Check entire fuel system for leaks.	<input type="checkbox"/>
Use Lotus Scan tool to check stored codes.	<input type="checkbox"/>
Wheels & Tyres	
Check cold tyre pressures.	<input type="checkbox"/>
Check torque of wheel bolts.	<input type="checkbox"/>
Check tyre weld canister is fitted to vehicle.	<input type="checkbox"/>
Electrical	
Check security of battery terminals.	<input type="checkbox"/>
Check operation of alarm system & CDL.	<input type="checkbox"/>
Check operation of all exterior & interior lamps.	<input type="checkbox"/>
Check operation of horn & hazard switch.	<input type="checkbox"/>
Check wiper operation at all speeds & park position.	<input type="checkbox"/>
Check washer operation, jet alignment & reservoir level.	<input type="checkbox"/>
Check operation of all instruments.	<input type="checkbox"/>
Check operation of heater / air conditioning & blower fan.	<input type="checkbox"/>
Check operation of audio equipment & set time clock (if applicable).	<input type="checkbox"/>
Body	
Check brake / clutch fluid level.	<input type="checkbox"/>
Check operation of doors & door locks.	<input type="checkbox"/>
Check operation of electric window lift mechanism.	<input type="checkbox"/>
Check fit of hard & soft top roofs.	<input type="checkbox"/>
Check operation of seatbelts.	<input type="checkbox"/>
Check interior trim for damage & cleanliness.	<input type="checkbox"/>
Check all paint work for damage (Fill in attached paint damage sheet as necessary).	<input type="checkbox"/>
Check presence of toolkit & literature pack.	<input type="checkbox"/>
Fit number plates and tax disc holder.	<input type="checkbox"/>
Complete Warranty Literature	
Check presence of vehicle handbook, audio booklet & other documentation.	<input type="checkbox"/>
Complete pages 2, 3, 4a & 4c in "Maintenance Record" booklet.	<input type="checkbox"/>
Cut out pages 4a & 4c for return to Lotus Cars Warranty Department.	<input type="checkbox"/>
Copy alarm installation certificate, PIN & key details (including locking wheel nuts). Supply originals to customer & retain copy in dealer's customer file.	<input type="checkbox"/>
Fill in AA card (Enter vehicle registration no. & expiry date (1 year from reg. date)) & replace in pack.	<input type="checkbox"/>



Road Test Performance Check - Add comments as necessary		
Check engine performance.		
Check brake performance.		
Check clutch operation.		
Check gearbox operation.		
Check steering performance.		
Check wheel balance.		
Driveline/suspension noise/vibration.		
General Comments		
Additional Work Required		
Additional Work Completed by:		
Valet		
Undertake complete vehicle valet.		

Notes - The PDI is subject to the following conditions:

- a) It is the responsibility of the supplying dealer to ensure that the car is delivered to the customer in the best possible condition.
- b) All costs incurred during the inspection process are the responsibility of the dealer.
- c) Failure to return a signed copy of this inspection to Lotus Cars Ltd. by the dealer, may result in warranty claims on the particular car being rejected.

Dealer stamp:

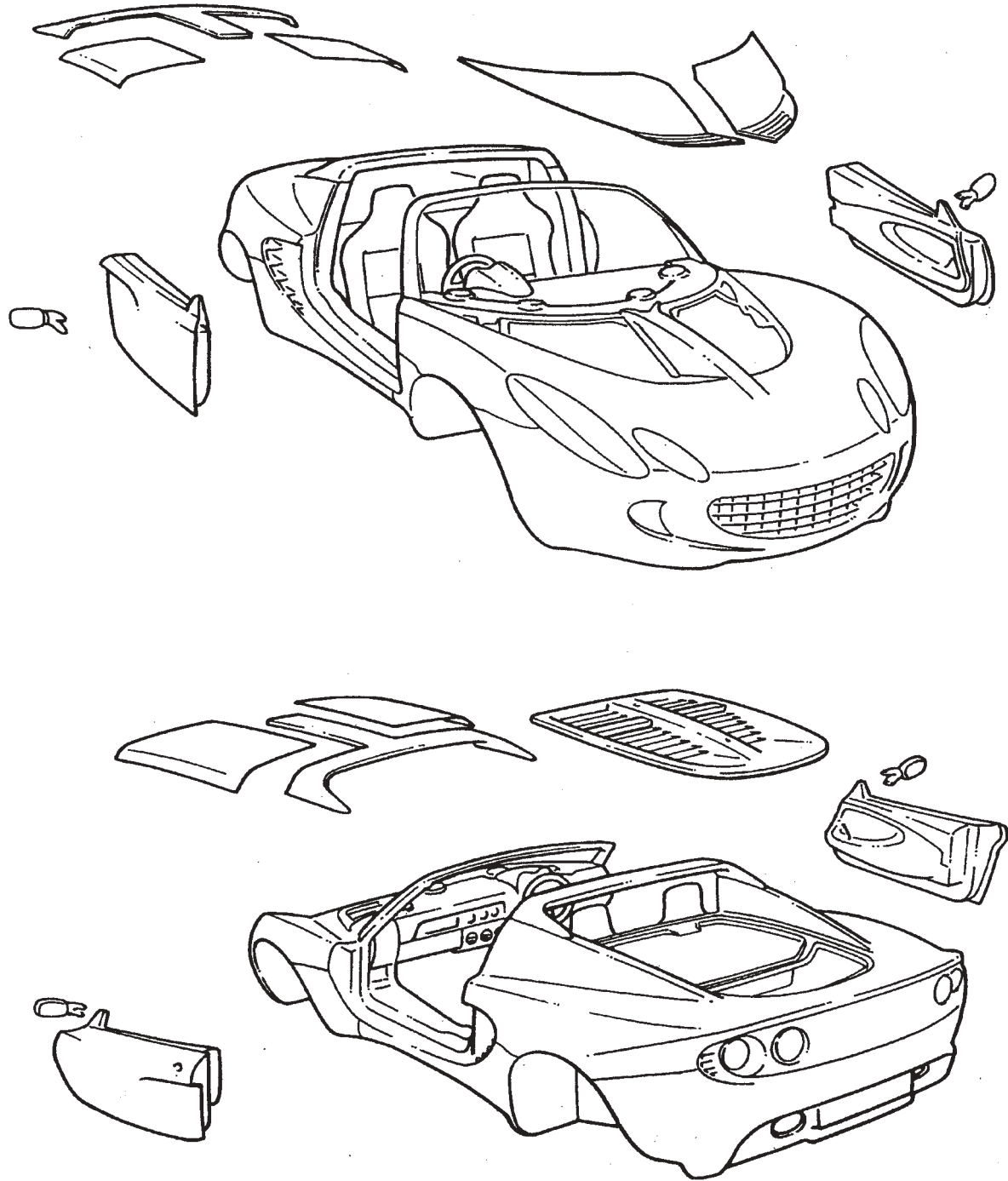
Pre-Delivery Inspection Completed by:	
Date:	

ONCE COMPLETED SEND ORIGINAL COPY OF PDI FORM & MAINTENANCE RECORD PAGES "P.D.I & REGISTRATION OF SALE" TO LOTUS WARRANTY DEPARTMENT:

WARRANTY DEPARTMENT,
 LOTUS CARS LTD.
 POTASH LANE,
 HETHEL,
 NORFOLK,
 NR14 8EZ,
 ENGLAND



PRE-DELIVERY PAINT MARK UP



VIN	
COLOUR	
OWNER	
DATE OF PDI	

PAINT DEFECT CODE	
B	BLISTERING
C	CHIPS
D	DISTORTION
F	FLAKING
G	GEL CRAZING
H	PIN HOLES
K	SINKAGE
M	MAT CREASES
N	SHADING
O	OVERSPRAY
P	PRE-RELEASES
R	RUN
S	SCRATCHES
T	THIN PAINT
U	DIRT UNDER PAINT
V	VOIDS